



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

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Applicant: Masahiro SAWADA et al. Conf.: 6031

Appl. No.: 10/607,519

Group: 1711

Filed: June 27, 2003

Examiner: A. L. WOODWARD

For: POLYAMIDE RESIN COMPOSITION AND MOLDED ARTICLE THEREOF

The Honorable Commissioner of
Patents and Trademarks
Washington, D. C. 20231

DECLARATION

I, Masashi Seki, declare and state that:

1. In March, 1989, I was graduated from Technology Department of Kanagawa University, and received a Bachelor's degree from the same university.

In March, 1991, I was graduated from Graduate School of Technology Department of Kanagawa University, and received a Master's degree of Engineering from the same university.

Since April, 1991, I have been an employee of Mitsui Chemicals INC., and till the present time, I have been engaged in Functional Polymeric Materials Laboratory.

2. I am familiar with the invention described in the specification of the above-identified application.

3. I have carried out the following Experiments in order to show the superior and unexpected results of the present invention.

Experiments I and II and Comparative Experiment III:

Polyamide resin compositions were prepared in the same manner as in Example 1 except that the type and the amount of the metallic soaps (component (B)) set forth in the following Table AA were used. The result are shown together in Table AA.

Table AA

			Ref. Exp. I	Ref. Exp. II	Ref. Exp. III (comparison)
Polyamide resin composition	Type of PA		PA6T /66	PA6T /66	PA6T /66
	Amount of PA (part(s) by weight)		100	100	100
	Type and amount (part(s) by weight) of metallic soap	Li-Ara (20 carbon atoms)	1		
		Li-Lig (24 carbon atoms)		1	
		Li-Cer (26 carbon atoms)			1
Evaluation item	Flow length (mm)		90	80	76
	Mold release power (kg/cm ²)	20th shot	41	31	27
		50th shot	45	30	27
	Shot stability		AA	AA	AA

Li-Ara: Lithium arachinate, Li-Lig: Lichium lignocerate, Li-Cer: Lithium cerotinate

From the results of the above Reference Experiments, I conclude that the polyamide resin compositions of the present invention could be achieved simultaneous higher flowability and mold releasing properties.

4. The undersigned declares further that all statements made herein of our own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issuing thereon.

June 27, 2005
Date

Masashi Seki
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